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Information Service of the ProLeiT Group

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Bringing a Touch of Colour to Control Technology

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Congratulations on the 150th anniversary of the company

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Version upgrade 9.5 for Plant iT + brewmaxx

Brillux GmbH & Co. KG: **Bringing a Touch of Colour to Control Technology** www.brillux.com

Brillux is a manufacturer, market leader and direct supplier offering a complete range of paints and varnishes. The family business with four German plants in Münster, Unna, Herford and Malsch (near Karlsruhe) as well as over 170 subsidiaries in Germany, Italy, the Netherlands, Austria, Poland and Switzerland employs more than 2,400 people, including over 400 apprentices, and delivers extensive service activities and the highest quality. In December 2014, ProLeiT was commissioned to modernise the control system for ancillary production at Brillux headquarters in Münster. A package to suit their own specific demands and intensive support were important for Brillux.

Conversion of the emulsion production facility using Plant iT V9 commenced in spring 2015. The new ancillary production consists of five new mixers, about 30 new hoppers for solids and roughly 20 new product tanks which, due to the installed stirrers, are also referred to as agitators. Due to the limited amount of available space, a particular challenge that had to be addressed was that it

was not possible to connect all the hoppers for solids to all five mixers via a direct pipeline. It was therefore decided to install a shuttle plant for the solids. The plant incorporates mobile containers that can be moved automatically to six filling stations and five emptying stations via a pallet transport system. Recipe and order management occurs via an interface to the company's internal production planning system (PPS). According to the recipe being transferred, the shuttles travel to the respective filling stations and the required raw materials are dosed. Once filling has been completed, the shuttle travels to the respective mixer where it is emptied.

The company additionally profits from integration into the existing Plant iT V9 batch system, from utilization of the standards developed for the Brillux plants and from interfaces to the internal production planning system. Cooperation will be continued as part of future system extensions, as Plant Batch iT has proved a huge success in terms of planning, implementing and operating.



Werner & Mertz GmbH: **Congratulations on the 150th anniversary of the company** www.werner-mertz.com

The Mainz-based family business Werner & Mertz, whose flagship brands include Frosch and Erdal, is celebrating its 150th anniversary this year. Today, anyone with such an impressive company history that has enjoyed continued growth must have developed their business in the right way – particularly in terms of entrepreneurial vision and innovative spirit. The memorable brand mark of Werner & Mertz GmbH is widely known, especially in the German-speaking market: the famous 'red frog' is used, among other things, by the 'Erdal' shoe polish brand, 'Emsal' floor care products and the bulk consumer brand 'tana Professional'. The 'green frog' is synonymous with the eco-friendly cleaning agents of the 'Frosch' brand and 'green care PROFESSIONAL'.

Established in 1867 as the wax goods factory 'Gebrüder Werner' (Werner Brothers) in Mainz am Rhein, the company has stayed true

to its heritage and is still based in the city – this is seen as an enduring commitment to the local region and is most definitely a key factor for the firm's long-term success.

Werner & Mertz GmbH has been using process control systems from ProLeiT at its production facilities H12, H22 and L1 since 2003 and is primarily supported by ProLeiT's office in Leverkusen. The upgrading of all the plants to Plant iT Version 9, in particular, has been progressed in recent years. Besides this, there have been numerous other projects that have enhanced cooperation, developed a further understanding for the demands of the customer and thus provided the basis for optimised and competitive production processes.

ProLeiT AG congratulates Werner & Mertz on its 150th company anniversary and looks forward to continued competent and successful cooperation.



ProLeiT AG: Version upgrade 9.5 for Plant iT + brewmaxx www.proleit.com

As an innovative software company, continuous development is essential for ProLeiT. We are therefore delighted to announce version upgrade 9.5 for our process control systems and MES solutions Plant iT and brewmaxx. Thanks to the integrated functions and system extensions, we have been able to set new benchmarks in process control technology. A further highlight is the release of the Plant iT and brewmaxx systems for Microsoft Windows 10 and Siemens SIMATIC S7 1500 controllers.

As part of the version upgrade, new operating dialogues ensure intuitive and convenient handling thanks to the innovative design, variable user interface and many other features.

As a result, project-specific modifications can be implemented easily and quickly. The new process image viewer allows the variable configuration of various process images from different areas. Furthermore, the new curve value viewer acts as a state-of-the-art measured value viewer. It enables, among other things, the annotation of measuring points, the shifting of individual curves and the comparison of numerous measured values.

In addition to these innovations, the upgrade also offers comprehensive system extensions that provide further industry-specific added value benefits:

The **archive manager** acts as a long-term archive solution that guarantees the availability of all the transaction data recorded in a control system for research purposes over a period of three years or more. Various filters enable convenient search options according to detailed information within the respective batch.

The browser-based **web portal** can be used to open standard production reports from several production servers as well as MES reports online. Further special features of the module include standardised user management, innovative language switching and the consistent user interface design.

The add-on **LMS** enables simple access to the world of Line Management. The fast and easy-to-implement extension allows the precise acquisition, allocation and analysis of fault data. Thanks to the web-based application, paper-based recording of downtime is now a thing of the past.

The **Plant Batch iT Manual Weighing System (MWS)** integrated in V9.5 delivers an intelligent weighing assistant that reliably guides operators through the weighing process. With the aid of the MWS, safety regulations and quality standards are adhered to an inefficient weighing processes and off-specification batches avoided.

The innovations are complemented by the add-on **Batch Cockpit**, the ideal entry point to integrated batch analysis. The efficient analysis of the large volumes of batch and process data is possible thanks to the effective evaluation, processing and validation of production data. Process plant operators therefore know which batch is produced when, how and where and at which level of quality.

We would be delighted to provide you with more information or a demonstration of the highlights of V9.5. During the coming weeks, ProLeiT AG will be represented at the drinktec (A3/324), südback (1/1J80) and Powtech (2/130) exhibitions. We look forward to seeing you there!

